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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/585,078	06/29/2006	Kazuhiro Sugie	043888-0489	6192
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WASHINGTON, DC 20005-3096			ART UNIT	PAPER NUMBER
			1795	
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			02/20/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)				
Office Action Comments	10/585,078	SUGIE ET AL.				
Office Action Summary	Examiner	Art Unit				
	Kwang Han	1795				
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address				
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).						
Status						
1) Responsive to communication(s) filed on						
,—	-· action is non-final.					
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closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
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Disposition of Claims						
4)⊠ Claim(s) <u>1-10</u> is/are pending in the application.						
4a) Of the above claim(s) is/are withdrawn from consideration.						
5) Claim(s) is/are allowed.						
6)⊠ Claim(s) <u>1-10</u> is/are rejected.						
7) Claim(s) is/are objected to.						
8) Claim(s) are subject to restriction and/or						
Annella ettan Banana						
Application Papers —						
9)⊠ The specification is objected to by the Examiner.						
10)⊠ The drawing(s) filed on <u>21 April 2008</u> is/are: a)	☑ accepted or b)∐ objected to b	by the Examiner.				
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.						
Priority under 35 U.S.C. § 119						
12)⊠ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).						
a)⊠ All b)□ Some * c)□ None of:	, , , , , , , , , , , , , , , , , , , ,					
1. ☐ Certified copies of the priority documents	s have been received.					
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	application from the International Bureau (PCT Rule 17.2(a)).					
* See the attached detailed Office action for a list of the certified copies not received.						
dee the attached detailed Office action for a list of the certified copies not received.						
Attachment(s)						
1) X Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date						
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) ☐ Information Disclosure Statement(s) (PTO/SB/08) 5) ☐ Notice of Informal Patent Application						
Paper No(s)/Mail Date <u>6/29/06,6/11/08</u> . 6) Other:						

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LEAD STORAGE BATTERY

Examiner: K. Han SN: 10/585,078 Art Unit: 1795 February 20, 2009

Information Disclosure Statement

1. The information disclosure statement filed June 29, 2006 fails to comply with 37 CFR 1.98(a)(2), which requires a legible copy of each cited foreign patent document; each non-patent literature publication or that portion which caused it to be listed; and all other information or that portion which caused it to be listed. It has been placed in the application file, but the JP 02-847761 document (no copy present) referred to therein has not been considered.

Specification

2. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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4. Claims 1-4 and 6 are rejected under 35 U.S.C. 102(e) as being anticipated by Sugie et al. (US 2007/0160903), hereinafter referred to as Sugie '903.

Regarding claim 1, Sugie '903 is directed to towards a lead storage battery comprised of the following (Claim 1):

- a plurality of negative electrode plates each with a negative electrode grid,
 having a tab, and a negative electrode active material retained by the grid,
- a plurality of positive electrode plates each with a positive electrode grid,
 having a handle part, and a positive electrode active material retained by
 the grid,
- a plurality of separators separating the positive electrode plate and the negative electrode plate,
- a positive electrode connecting member comprising a positive electrode shelf to which the tabs of each positive electrode plate of the electrode plate pack is connected,
- a positive electrode connecting body provided at the positive electrode shelf,
- a negative electrode connecting member comprising a negative electrode strap to which the handle part of each negative electrode plate of the electrode plate pack is connected, and
- a negative electrode connecting body provided at the negative electrode strap,

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 the positive electrode grid, the negative electrode grid, the positive electrode connective member, and the negative electrode connecting member comprise a Pb-alloy including Ca or Sn,

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- a negative electrode active material layer including Sb, and
- a separator including silica (Claim 1).

The electrode plate pack, positive electrode strap, and negative electrode would inherently be immersed in an electrolyte since is it well known in the lead-acid battery art that the components are immersed within the electrolyte for proper operation.

Regarding claim 2, Sugie '903 discloses the lead storage battery where the separator comprises a microporous synthetic resin sheet with silica particles dispersed and includes 40 to 85% by mass of silica particles (Claim 2).

Regarding claim 3, Sugie '903 discloses the separator comprising a fiber mat and silica particles retained by the fiber mat and include 10 to 40% by mass of the silica particles (Claim 3).

Regarding claim 4, Sugie '903 discloses a negative electrode active material layer which includes 0.0002 to 0.006 parts by mass of Sb per 100 parts by mass of the negative electrode active material (Claim 4).

Regarding claim 6, Sugie '903 discloses a separator shaped like a bag and accommodates the negative electrode plate (Claim 8).

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Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

- 6. The factual inquiries set forth in *Graham* v. *John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:
 - 1. Determining the scope and contents of the prior art.
 - 2. Ascertaining the differences between the prior art and the claims at issue.
 - 3. Resolving the level of ordinary skill in the pertinent art.
 - 4. Considering objective evidence present in the application indicating obviousness or nonobviousness.
- 7. Claim 1-6 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yonemura (JP 2003-346888, machine translation) in view of Ohba et al. (US 5989750) and Haruno et al. (JP 08-236101, machine translation).

Regarding claim 1, Yonemura is directed towards a lead storage battery [Abstract] comprised of the following:

- a plurality of negative electrode plates (Drawing 1) each with a negative electrode grid (6), having a handle part (5, tab), and a negative electrode active material [0014] retained by the grid,
- a plurality of positive electrode plates each with a positive electrode grid, having a handle part (tab), and a positive electrode active material retained by the grid [Abstract] (Drawing 1),

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 a plurality of separators (3) separating the positive electrode plate and the negative electrode plate,

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- a positive electrode connecting member (10, 8) comprising a positive electrode shelf (8, positive electrode strap) to which the handle part (tabs) of each positive electrode plate of the electrode plate pack is connected (Drawing 1),
- a positive electrode connecting body (10) provided at the positive electrode shelf,
- a negative electrode connecting member (7, 9) comprising a negative electrode strap (7) to which the handle part (tab) of each negative electrode plate of the electrode plate pack is connected (Drawing 1), and
- a negative electrode connecting body (9) provided at the negative electrode strap (Drawing 1) [0010-0020],
- the positive electrode grid, the negative electrode grid, the positive electrode connective member, and the negative electrode connecting member comprise a Pb-alloy including Ca or Sn [0012-0013], and
- a negative electrode active material layer including Sb [0006-0007].

Yonemura is silent towards the separator including silica and the electrode plate pack, positive electrode shelf, and the negative electrode shelf to be immersed in an electrolyte.

Ohba teaches a lead-acid battery separator which includes an acid-resisting, oxidation-resisting inorganic filler such as silica (Column 3, Lines 9-30) for the benefit of

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forming a separator with high-rate discharge characteristics at low-temperature and endurance at a high temperature (Column 2, Lines 41-44). It would have been obvious to one of ordinary skill in the art at the time of the invention to use a separator with silica inorganic filler because Ohba teaches it forms a separator which has high-rate discharge characteristics at low-temperature and in endurance at a high temperature.

Haruno teaches a lead-acid battery in which an electrode group including the lugs and ledges of the plate formed from a Pb-Sn alloy is immersed in an electrolyte to assemble the battery and provide improved corrosion resistance at high temperature by continuously forming a Pb-Sn alloy layer [Abstract]. It would have been obvious to one of ordinary skill in the art at the time of the invention to immersed the electrode group structure formed from a Pb-Sn alloy in an electrolyte because Haruno teaches that it improves the corrosion resistance at high temperature by forming a Pb-Sn alloy layer.

Regarding claims 2 and 3, the teachings of Yonemura, Ohba, and Haruno as discussed above are herein incorporated. Ohba further teaches a separator comprising a microporous synthetic resin sheet (Column 3, Lines 9-46) with examples having 65 wt % of silica particles (Column 5, Table 1, Sample No. 1) dispersed and a fiber mat (Column 4, Lines 35-47) with examples having 30 wt % silica (Column 5, Table 1, Samples No. 3-5) dispersed. The compositional changes within the differing samples shown in tables 1 and 3 show that the composition including variations in silica content have an effect on the oxidation resistance teaching it as a result effective variable (column 5). The courts have held that optimization of a results effective variable such

as the silica content is not novel. <u>In re Boesch</u>, 617 F.2d 272, 205 USPQ 215 (CCPA 1980).

Regarding claim 4, Yonemura discloses a negative electrode active material layer including 0.001 to 0.1 weight % [0006-0007]. It has been held that where the claimed ranges "overlap or lie inside ranges disclosed by the prior art" a prima facie case of obviousness exists. In re Wertheim, 541 F.2d 257, 191 USPQ 90 (CCPA 1976); In re Woodruff, 919 F.2d 1575, 16 USPQ2d 1934 (Fed. Cir. 1990) (MPEP 2144.05)

Regarding claim 5, Yonemura discloses the positive electrode lattice body having a lead alloy containing tin [0012].

Regarding claim 6, the teachings of Yonemura, Ohba, and Haruno as discussed above are herein incorporated. Yonemura and Haruno are silent as to the shape of the separator.

Ohba teaches the separator to be formed in a more reliable shape for holding the electrode such as an envelope (bag) to provide a greater sense of security (Column 1, Lines 27-52; Claim 10). It would have been obvious to one of ordinary skill in the art at the time of the invention to use a separator for a lead-acid battery with an envelope shape for the benefit of having a more reliable shape to hold the electrode. The courts have also held that the configuration of the claimed separator was a matter of choice which a person of ordinary skill in the art would have found obvious absent persuasive evidence that the particular configuration of the separator was significant. In re Dailey, 357 F.2d 669, 149 USPQ 47 (CCPA 1966).

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Regarding claim 9, Yonemura discloses a negative electrode grid skeleton comprising an expanded mesh (Drawing 1) retaining the negative electrode active material layer [Abstract], a grid bone (frame, 4) provided at an upper edge portion of the expanded mesh and handle part (tab, 5) connected to the grid bone (frame) where the ratio of the height of handle part and the width of the grid bone is 2.2 to 15.0 (Drawing 1). The variation of the height in the handle part and width of the grid bone in the electrode grid would change the shape of the grid. The courts have held that the configuration of the claimed electrode grid was a matter of choice which a person of ordinary skill in the art would have found obvious absent persuasive evidence that the particular configuration of the electrode grid was significant. In re Dailey, 357 F.2d 669, 149 USPQ 47 (CCPA 1966).

8. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yonemura, Ohba et al., and Haruno et al. as applied to claim 2 above, and further in view of Doi et al. (US 4210709).

Regarding claim 7, the teachings of Yonemura, Ohba, and Haruno as discussed above are herein incorporated but all are silent as to the separator containing oil.

Doi teaches a microporous film battery separator (Column 13, Lines 39-42) formed from the combination of a polyolefin, an inorganic filler (silica, Column 7, Lines 37-47), and an organic liquid (Column 8, Lines 47-55) which is used to form a film having void spaces to provide a microporous film which has a small electrical resistance as well as high durability (Column 2, Lines 24-26). The organic liquid includes various oils such as naphthenic process oil, lubricating oils, etc. (Column 6, Lines 24-48). It

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would have been obvious to one of ordinary skill in the art at the time of the invention to use a microporous film separator which is formed from a combination of polyolefin, inorganic filler such as silica, and an organic liquid because Doi teaches it forms a microporous film that can be used as a battery separator which has small electrical resistance and high durability.

9. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yonemura, Ohba et al., and Haruno et al. as applied to claim 1 above, and further in view of Carlisle (US 3227583).

The teachings of Yonemura, Ohba, and Haruno as discussed above are herein incorporated. Yonemura, Ohba, and Haruno are silent as to the mass ratio of the negative electrode active material and the positive electrode active material.

Carlisle teaches a lead acid storage battery that is described to increase the capacity and performance capabilities of the battery by simply changing the ratio of the active positive material and the negative active material teaching it as a result effective variable (Column 3, Line 61- Column 4, Line 17). It would have been obvious to one of ordinary skill in the art at the time of the invention to vary the ratio of the positive and negative active materials since it has been held that discovering the optimum ranges for a result effective variable such as the ratio of the active materials involves only routine skill in the art in the absence of showing of criticality in the claimed range (MPEP 2144.05).

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10. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yonemura (JP 2003-346888, machine translation) in view of Ohba et al. (US 5989750), Haruno et al. (JP 08-236101, machine translation) and Carlisle (US 3227583).

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Regarding claim 10, Yonemura is directed towards a lead storage battery [Abstract] comprised of the following:

- a plurality of negative electrode plates (Drawing 1) each with a negative electrode grid (6), having a handle part (5, tab), and a negative electrode active material [0014] retained by the grid,
- a plurality of positive electrode plates each with a positive electrode grid, having a handle part (tab), and a positive electrode active material retained by the grid [Abstract] (Drawing 1),
- a plurality of separators (3) separating the positive electrode plate and the negative electrode plate,
- a positive electrode connecting member (10, 8) comprising a positive electrode shelf (8, positive electrode strap) to which the handle part (tabs) of each positive electrode plate of the electrode plate pack is connected (Drawing 1),
- a positive electrode connecting body (10) provided at the positive electrode shelf,
- a negative electrode connecting member (7, 9) comprising a negative
 electrode strap (7) to which the handle part (tab) of each negative
 electrode plate of the electrode plate pack is connected (Drawing 1), and

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 a negative electrode connecting body (9) provided at the negative electrode strap (Drawing 1) [0010-0020],

- the positive electrode grid, the negative electrode grid, the positive electrode connective member, and the negative electrode connecting member comprise a Pb-alloy including Ca or Sn [0012-0013], and
- a negative electrode active material layer including Sb [0006-0007].

Yonemura is silent towards the separator including silica and the electrode plate pack, positive electrode shelf, and the negative electrode shelf to be immersed in an electrolyte.

Ohba teaches a lead-acid battery separator which includes an acid-resisting, oxidation-resisting inorganic filler such as silica (Column 3, Lines 9-30) for the benefit of forming a separator with high-rate discharge characteristics at low-temperature and endurance at a high temperature (Column 2, Lines 41-44). It would have been obvious to one of ordinary skill in the art at the time of the invention to use a separator with silica inorganic filler because Ohba teaches it forms a separator which has high-rate discharge characteristics at low-temperature and in endurance at a high temperature.

Haruno teaches a lead-acid battery in which an electrode group including the lugs and ledges of the plate formed from a Pb-Sn alloy is immersed in an electrolyte to assemble the battery and provide improved corrosion resistance at high temperature by continuously forming a Pb-Sn alloy layer [Abstract]. It would have been obvious to one of ordinary skill in the art at the time of the invention to immersed the electrode group

structure formed from a Pb-Sn alloy in an electrolyte because Haruno teaches that it improves the corrosion resistance at high temperature by forming a Pb-Sn alloy layer.

Carlisle teaches a lead acid storage battery that is described to increase the capacity and performance capabilities of the battery by simply changing the ratio of the active positive material and the negative active material teaching it as a result effective variable (Column 3, Line 61- Column 4, Line 17). It would have been obvious to one of ordinary skill in the art at the time of the invention to vary the ratio of the positive and negative active materials since it has been held that discovering the optimum ranges for a result effective variable such as the ratio of the active materials involves only routine skill in the art in the absence of showing of criticality in the claimed range (MPEP 2144.05).

Double Patenting

11. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

12. Claims 1-4, 6, and 10 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-4 and 8 of copending Application No. 10/587186 (hereinafter referred to as Sugie '186) in view of Haruno et al. (JP 08-236101, machine translation) and Carlisle (US 3227583).

Claims 1-4 and 8 of Sugie '186 recite all the limitations of the instant claims except that of the electrode plate pack, positive electrode strap, and negative electrode strap being immersed in an electrolyte.

Haruno teaches a lead-acid battery in which an electrode group including the lugs and ledges of the plate formed from a Pb-Sn alloy is immersed in an electrolyte to assemble the battery and provide improved corrosion resistance at high temperature by continuously forming a Pb-Sn alloy layer [Abstract]. It would have been obvious to one of ordinary skill in the art at the time of the invention to immersed the electrode group structure formed from a Pb-Sn alloy in an electrolyte because Haruno teaches that it improves the corrosion resistance at high temperature by forming a Pb-Sn alloy layer.

Carlisle teaches a lead acid storage battery that is described to increase the capacity and performance capabilities of the battery by simply changing the ratio of the active positive material and the negative active material teaching it as a result effective variable (Column 3, Line 61- Column 4, Line 17). It would have been obvious to one of ordinary skill in the art at the time of the invention to vary the ratio of the positive and negative active materials since it has been held that discovering the optimum ranges for

a result effective variable such as the ratio of the active materials involves only routine skill in the art in the absence of showing of criticality in the claimed range (MPEP 2144.05).

This is a <u>provisional</u> obviousness-type double patenting rejection.

13. Claims 1 and 10 are provisionally rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claim 1 of copending Application No. 10/587187 (hereinafter referred to as Sugie '187) in view of Ohba et al. (US 5989750), Haruno et al. (JP 08-236101, machine translation) and Carlisle (US 3227583).

Claim 1 of Sugie '187 recite all the limitations of the instant claims except that of the separator including silica and the electrode plate pack, positive electrode strap, and negative electrode strap being immersed in an electrolyte and the mass ratio

Ohba teaches a lead-acid battery separator which includes an acid-resisting, oxidation-resisting inorganic filler such as silica (Column 3, Lines 9-30) for the benefit of forming a separator with high-rate discharge characteristics at low-temperature and endurance at a high temperature (Column 2, Lines 41-44). It would have been obvious to one of ordinary skill in the art at the time of the invention to use a separator with silica inorganic filler because Ohba teaches it forms a separator which has high-rate discharge characteristics at low-temperature and in endurance at a high temperature.

Haruno teaches a lead-acid battery in which an electrode group including the lugs and ledges of the plate formed from a Pb-Sn alloy is immersed in an electrolyte to

assemble the battery and provide improved corrosion resistance at high temperature by continuously forming a Pb-Sn alloy layer [Abstract]. It would have been obvious to one of ordinary skill in the art at the time of the invention to immersed the electrode group structure formed from a Pb-Sn alloy in an electrolyte because Haruno teaches that it improves the corrosion resistance at high temperature by forming a Pb-Sn alloy layer.

Carlisle teaches a lead acid storage battery that is described to increase the capacity and performance capabilities of the battery by simply changing the ratio of the active positive material and the negative active material teaching it as a result effective variable (Column 3, Line 61- Column 4, Line 17). It would have been obvious to one of ordinary skill in the art at the time of the invention to vary the ratio of the positive and negative active materials since it has been held that discovering the optimum ranges for a result effective variable such as the ratio of the active materials involves only routine skill in the art in the absence of showing of criticality in the claimed range (MPEP 2144.05).

This is a <u>provisional</u> obviousness-type double patenting rejection.

Contact/Correspondence Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kwang Han whose telephone number is (571) 270-5264. The examiner can normally be reached on Monday through Friday 8:00am to 5:00pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dah-Wei Yuan can be reached on (571) 272-1295. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/K. H./ Examiner, Art Unit 1795

/Dah-Wei D. Yuan/ Supervisory Patent Examiner, Art Unit 1795